

**To:** Ngo, Kim[Ngo.Kim@epa.gov]  
**From:** Restivo, Angela  
**Sent:** Wed 8/12/2015 3:59:06 AM  
**Subject:** FW: Gold King Mine Spill - Domestic and Agricultural Water Needs  
[AGRI LIVESTOCK WATER MATRIX.xlsx](#)  
[DOMESTIC WATER MATRIX.xlsx](#)

What Mark will be working on getting tomorrow.

**From:** Foster, Althea  
**Sent:** Tuesday, August 11, 2015 7:17 AM  
**To:** Rinehart, Jon  
**Cc:** Hayes, Mark; Smalley, Bryant; Restivo, Angela; Loesel, Matthew; Webster, Susan; Petersen, Chris  
**Subject:** Gold King Mine Spill - Domestic and Agricultural Water Needs

Jon,

I know you're meeting with the county emergency management today. We need to focus on meeting their domestic and agriculture/livestock needs. It's helpful at least for me, to look at the need and what we (EPA) can provide. The REOC is in contact with the various water systems and is tracking their supply daily. We're trying to develop ways to augment the current supply either by hauling (ERRS) from unaffected sources additional treatment of river water or by additional treatment of impacted water.

We also need to identify the current agricultural/livestock needs and locations and figure out how to provide alternative water sources likely by ERRS hauling water.

This morning I had some stream of consciousness thoughts and decided to put on paper what I think we need and what we need to provide. I'd like for you and the water folks to look at the attached spreadsheets and give us suggestions on if or how we can use this to get our arms around the task.

Domestic Water Needs:

The EPA water folks can provide the system/# of connections/population served/days of water remaining/and alternative source being used. You are in the best position to identify domestic needs and we need to track GPD provided.

Agricultural/Livestock Needs:

We need to get with the local agricultural extension or other associations/groups and identify the locations, need and where we can deliver, then track what we provide.

I don't expect you/us to start using these tables. I just want us to have a framework to work within. Please comment, critique, lambast.

Thanks